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Attorney Docket No. 0756-1971

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Yoshiharu HIRAKATA et al.

Patent No.: 6,839,108 B1

Dated: January 4, 2005

Serial No. 09/311,070

Filed: May 13, 1999

For: LIQUID CRYSTAL DISPLAY DEVICE
AND METHOD OF
MANUFACTURING THE SAME

) Group Art Unit: 2871

) Examiner: D. Nguyen

) CERTIFICATE OF MAILINGI hereby certify that this correspondence is
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Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450, on
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)

REQUEST FOR CERTIFICATE OF CORRECTIONHonorable Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

As provided in detail in the attached, the patentee respectfully requests that a Certificate of Correction be granted in the above-identified patent to correct a minor clerical, typographical or grammatical error.

Under 37 CFR 1.323, In re Arnott, 19 USPQ2d 1049, 1052 (Comm'r Pat. 1991), and 35 U.S.C. 255, a Certificate of Correction for a patentee's mistake may issue if the mistake is of a clerical or typographical nature, or of minor character (would not materially affect the scope or meaning of the patent), and if the correction does not involve changes which would constitute new matter or require reexamination.

Claim 1 in the above-referenced patent was referred to as claim 5 during prosecution of the above-referenced application. In an Amendment filed October 15, 2001, claim 5 was amended to include the phrase "wherein said pixel electrode has a thickness of 50.5 nm to 88.4 nm, and said thickness is satisfied with $\lambda/4$ " (emphasis

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added). This portion of the phrase was maintained in the *Supplemental Amendment* filed October 24, 2001, and the *Amendment* filed March 6, 2002. However, in the *Amendment* filed July 14, 2003, due to a typographical error, "electrode" was inadvertently left out of this portion of the phrase. This error was inadvertently maintained by the *Amendment* filed January 23, 2004, and the *After Final Amendment* filed July 23, 2004. This resulted in an error in claim 1 of the above-referenced patent. Specifically, in claim 1, line 14, after "pixel" the word "electrode" was omitted.

Further, it is noted that claim 1 positively recites "a pixel electrode" in line 2 and "said pixel electrode" in lines 8-9. As such, the recitation of "said pixel" in line 14 lacks antecedent basis.

Therefore, the patentee respectfully requests the following correction: in claim 1, line 14, after "pixel" insert --electrode--.

The above correction is due to a good faith inadvertent error of a minor character, is of a clerical, typographical or grammatical nature, does not add new matter and does not require reexamination. Therefore, the patentee respectfully requests that the Certificate of Correction be granted in this patent. A check in the amount of \$100.00 is enclosed to cover the Certificate of Correction fee. Any deficiencies or overages in any fees due in connection with this patent and the requested actions should be applied to Deposit Account No. 50-2280.

Respectfully submitted,


Eric J. Robinson
Reg. No. 38,285

Robinson Intellectual Property Law Office, P.C.
PMB 955
21010 Southbank Street
Potomac Falls, Virginia 20165
(571) 434-6789

FEB 25 2005

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 6,839,108 B1

DATED : January 4, 2005

INVENTOR(S) : Yoshiharu HIRAKATA et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In claim 1, line 14, after "pixel" insert --electrode--.

MAILING ADDRESS OF SENDER:

Eric J. Robinson
Robinson Intellectual Property Law Office
PMB 955
21010 Southbank Street
Potomac Falls, VA 20165

PATENT NO. 6,839,108

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTIONPATENT NO : 6,839,108 *B1*

DATED : January 4, 2005

INVENTOR(S) : Yoshiharu HIRAKATA et al.

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	09/311,070
Filing Date	May 13, 1999
First Named Inventor	Yoshiharu HIRAKATA et al.
Group Art Unit	2871
Examiner Name	D. Nguyen
Total Number of Pages in This Submission	Attorney Docket Number
	0756-1971

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosures 1. Request for Certificate of Correction 2. Certificate of Correction 3. 4. 5. 6.
Remarks <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees required or credit any overpayments to Deposit Account No. 50-2280 for the above identified docket number.		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Eric J. Robinson, Reg. No. 38,285 Robinson Intellectual Property Law Office, P.C. PMB 955 21010 Southbank Street Potomac Falls, VA 20165
Signature	
Date	2-10-05

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FEE TRANSMITTAL FOR FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$ 100.00)

Complete if Known

Application Number	09/311,070
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First Named Inventor	Yoshiharu HIRAKATA et al.
Examiner Name	D. Nguyen
Group Art Unit	2871
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METHOD OF PAYMENT

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- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 and credit overpayments

- Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

- Check Credit Card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
1001	300	2001 150 Utility filing fee	
1111	500	2111 250 Search fee	
1311	200	2311 275 Examination fee	
Over 100 Sheets/250 for each additional 50			
SUBTOTAL (1) (\$)			

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
	-20** =	X \$50	=
Independent Claims	-3** =	X \$200	=
Multiple Dependent			

Large Entity Fee Code	Small Entity Fee Code	Fee Description
1202	50	2202 25 Claims in excess of 20
1201	200	2201 100 Independent claims in excess of 3
1203	360	2203 180 Multiple dependent claim, if not paid
1204	200	2204 100 ** Reissue independent claims over original patent
1205	50	2205 25 ** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	130	2051 65 Surcharge - late filing fee or oath		
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet		
1053	130	1053 130 Non-English specification		
1812	2,520	1812 2,520 For filing a request for <i>ex parte</i> reexamination		
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action		
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action		
1251	120	2251 60 Extension for reply within first month		
1252	450	2252 225 Extension for reply within second month		
1253	1020	2253 510 Extension for reply within third month		
1254	1,590	2254 795 Extension for reply within fourth month		
1255	2,160	2255 1080 Extension for reply within fifth month		
1401	500	2401 250 Notice of Appeal		
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1451	1,510	1451 1,510 Petition to institute a public use proceeding		
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1453	1,500	2453 750 Petition to revive - unintentional		
1501	1,400	2501 700 Utility issue fee (or reissue)		
1502	800	2502 400 Design issue fee		
1503	1100	2503 550 Plant issue fee		
1462	400	1462 400 Petitions, Group I		
1463	200	1463 200 Petition, Group II		
1464	130	1464 130 Petitions, Group III		
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)		
1806	180	1806 180 Submission of Information Disclosure Stmt		
8021	40	8021 40 Recording each patent assignment per property (times number of properties)		
1809	790	2809 395 Filing a submission after final rejection (37 CFR § 1.129(a))		
1810	790	2810 395 For each additional invention to be examined (37 CFR § 1.29(b))		
1801	790	2801 395 Request for Continued Examination (RCE)		
1802	900	1802 900 Request for expedited examination of a design application		
Other fee (specify) Certificate of Correction				\$100.00

* Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 100.00)

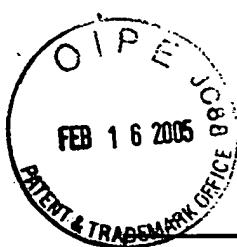
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SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Eric J. Robinson	Registration No. (Attorney/Agent)	38,285	Telephone	(571) 434-6789
Signature				Date	2-10-05



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FEE TRANSMITTAL FOR FY 2005

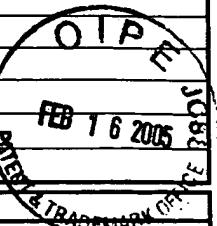
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Independent Claims	-3** =	X \$200	=
Multiple Dependent			

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SUBMITTED BY					
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Signature	<i>[Signature]</i>			Date	2-10-05